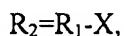


CLAIM AMENDMENTS:

Claims 1-12 (Cancelled)

13. (Previously presented) Compounds of the general formula



wherein X is a primary alcoholic functional group $-CH_2OH$, a carboxylic functional group $-COOH$ or a C_1-C_4 alkyl ester group,

wherein R_1 and R_2 have a total of from 23 to 35 carbon atoms and R_1 is a saturated linear hydrocarbon chain having from 4 to 15 carbon atoms and R_2 is a hydrocarbon chain having from 8 to 22 carbon atoms which is saturated or unsaturated, including from one to four ethylenic and/or acetylenic unsaturations, linear or branched, including from one to four methyl branches, their pharmaceutically acceptable salts and mono-, di- and tri-glycerides of acids $R_2 = R_1-COOH$.

14. (Original) Compounds according to claim 13, wherein R_1 is a hydrocarbon chain having from 7 to 13 carbon atoms and R_2 is a hydrocarbon chain having from 10 to 20 carbon atoms.

15. (Previously presented) Compounds according to claim 13, wherein R_1 is a saturated linear hydrocarbon chain having 9 carbon atoms.

16. (Previously presented) Compounds according to claim 13, wherein R_2 is the hydrocarbon chain of a naturally occurring fatty acid.

17. (Previously presented) Compounds selected from the group consisting of:

- octacosa-10,19-dienoic acid,
- octacosa-10,19,22-trienoic acid,
- octacosa-1,19,22,25-tetraenoic acid,
- 14,18,22-trimethyltricosa-10,13,17,21-tetraenoic acid,
- primary alcohols of 18,19 octacosadiene, 10,19,20 octacosatriene, 1,19,22,25 octacosatetraene and 14,18,22 trimethyltricosa 10,13,17,21 tetraene, and
- C₁-C₄ alkyl ester of
- octacosa-10,19-dienoic acid,
- octacosa-10,19,22-trienoic acid,
- octacosa-1,19,22,25-tetraenoic acid,
- 14,18,22-trimethyltricosa-10,13,17,21-tetraenoic acid,
- primary alcohols of 18,19 octacosadiene, 10,19,20 octacosatriene, 1,19,22,25 octacosatetraene and 14,18,22 trimethyltricosa 10,13,17,21 tetraene.

18. (Previously presented) Compounds according to claim 17, wherein the C₁-C₄ alkyl ester is an ethyl ester.

19. (Previously presented) Pharmaceutical, nutraceutical, dietetic integrator or cosmetic compositions including a compound as defined in claim 13 in association with antioxidant vitamins, carnitine or its alkanoyl derivative.

Claims 20-24 (Cancelled)